



## ***Constellation-X Facility Science Team Meeting—Sept 18/19, 2002***

### **Agenda**

#### ***Day 1 — Wednesday, September 18***

*8:30 — Coffee, pastries*

*9:00 - 9:05 — Welcome and Agenda Overview - Harvey Tananbaum*

*9:05 - 9:20 — Project Scientist Update including Roadmap status - Nick White*

*9:20 - 10:20 - Project Status and Update - Scott Lambros & Jean Grady*

*10:20 - 10:40 — Technology Readiness & Implementation Plan (TRIP) review: Paul Hertz via telephone from NASA HQ*

*10:40 - 10:50 — Break*

*10:50 - 11:20 — Design Reference Mission Update - Kim Weaver*

*11:20 - 12:20 — Science Presentations - Session 1 - organized by Kim Weaver*

*Richard Lieu — Warm Baryons in clusters of galaxies - a key cosmological tool (15 + 5)*

*Nancy Brickhouse — X-ray Doppler imaging w/Chandra on cool stars (15+5)*

*Duane Liedahl — Fluorescence emission (15+5)*

*12:20 - 13:00 — Lunch provided on-site*

*13:00 - 14:30 — HXT Update - organized by Fiona Harrison*

*14:30 - 14:50 — Presentation on NeXT Project - Hideyo Kunieda*

*14:50 - 15:00 — Break*

*15:00 - 16:30 — Micro-Calorimeter Update - organized by Rich Kelley*

*16:30 - 17:45 — Science Presentations - Session 2 - organized by Kim Weaver*

*Fred Walter — Improving grating resolution for stellar work (15 + 5)*

*Joe Cassinelli — Hot Star X-rays: Highlights from Chandra, & proposed Con-X Observations of Magellanic Cloud OB Stars (15 + 5)*

*Elliott Bloom — Monte Carlo simulations in space experiments: possible application to Con-X (15+5)*

*Randall Smith — Temperature & Density diagnostics using the gratings (15 + 5)*

*17:45 - 18:00 — New Business/Open Discussion*



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### **Agenda (cont.)**

#### ***Day 2 — Thursday, September 19***

*8:30 — Coffee/pastries*

*8:45 - 10:15 — SXT Update - organized by Rob Petre*

*10:15 - 10:30 — Break*

*10:30 - 12:00 — Grating/CCD Update - organized by Andy Rasmussen*

*12:00 - 12:40 — Science Presentations - Session 3 - organized by Kim Weaver*

*Mike Shull - Comparison of Chandra and HST/FUSE studies of the O VII, O VIII, & O VI absorption from the hot IGM (15+5)*

*Belinda Wilkes — Using X-rays to probe the near-nuclear structure of red AGN and their role in the AGN population (15+5)*

*12:40 - 13:50 — Lunch provided on-site while viewing NASA Select of Chandra Space Science Update on the Crab*

*13:50 - 15:30 — Science Presentations - Session 4 - organized by Kim Weaver*

*Andy Fabian — Iron Line Reverberation (15+5)*

*Giorgio Matt — The Relativistic Iron Line of GRS 1915+105 (15+5)*

*Martin Elvis — GRB Afterglow Mission (15+5)*

*Smita Mathur — Finding signatures of Warm-Hot Intergalactic Medium(15+5)*

*Herman Marshall — Absorption in the IGM (15 + 5)*

*15:30 — Adjourn*